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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/575,433	12/20/95	HUANG	L RIC-95-042

ATTN IP/TT  
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26M1/0307

EXAMINER

NGO, R

ART UNIT

PAPER NUMBER

2603

DATE MAILED:

03/07/97

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

<b>Office Action Summary</b>	Application No. <b>08/575,433</b>	Applicant(s) <b>Huang</b>
	Examiner <b>Ricky Q. Ngo</b>	Group Art Unit <b>2603</b>

Responsive to communication(s) filed on \_\_\_\_\_

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

#### Disposition of Claims

Claim(s) 1-22 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

Claim(s) \_\_\_\_\_ is/are allowed.

Claim(s) 1-7, 11-17, 21, and 22 is/are rejected.

Claim(s) 8-10 and 18-20 is/are objected to.

Claims \_\_\_\_\_ are subject to restriction or election requirement.

#### Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

The proposed drawing correction, filed on \_\_\_\_\_ is  approved  disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All  Some\*  None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

#### Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2603

## **DETAILED ACTION**

### ***Drawings***

1. This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-7, 11-17 & 21-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kakuma et al. (US patent No. 5,521,924).

- Regarding claims 1, 6-7, 11, 16-17& 21-22, though Kakuma discloses a telecommunications system, which has all the aspects of the claimed invention for providing transmission of voice communication between telephones via a packet-switched network (see Fig. 3 & col. 4, lines 16-39) , but he fails to explicitly show another existing telephone network (a terminating circuit-switched network) and another adaptor (terminating gateway computer) for receiving or transmitting voice signal from or to the existing telephone network 12 (an originating circuit-switched network) via the packet-switched network 11. It's studied that the adapter 13

Art Unit: 2603

connecting the existing telephone network 12 and the packet-switched network 11 is used to convert a PCM signal to a data packet and vice versa so that the voice signal is able to be transmitted through the packet-switched network. Since the adapter 13 has been disclosed by the Kakuma for interfacing between the existing network and the packet-switched network, therefore, it would have obvious to one having ordinary skill in the art at the time the invention was made to have more than one existing telephone network be connected to the packet-switched network of Kakuma by another adaptor for providing the telecommunications system with higher efficiency.

- Regarding claims 2-3 & 12-13, Kakuma further teaches that the adaptor 13 (gateway computer) include a component for converting voice data into packets and vice versa (similar as compressing and decompressing or encrypting or decrypting) (see col. 5, lines 32-59).

- Regarding claims 4-5 & 14-15, Kakuma further teaches that the adapter 13 (gateway computer) includes a buffer component (see blocks 52 & 56 of Fig. 6).

#### *Allowable Subject Matter*

4. Claims 8 & 18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### *Conclusion*

Art Unit: 2603

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ricky Ngo whose telephone number is (703) 305-4798. The examiner can normally be reached on Monday - Friday from 9:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dough Olms, can be reached on (703) 305-4703. The fax phone number for this Group is (703) 305-9509.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-4700.

*Ricky Ngo*

Ricky Ngo  
March 2, 1997

*Benedict V. Safourek*

BENEDICT V. SAFOUREK  
PRIMARY EXAMINER  
GROUP 263